

Figure 2

Xho I KOZAK

5'...ATA GGC TAG *C CTC GAG CCA CCA T*G CAT CAG ACC AGC ATG GG
CATCAAGATGGAATCACAGACTCTGGTCTTCATATCCATACTGCTCTGGTTATATG
GAGCTGATGGGAACATTGTAATGACCCAATCTCCCAAATCCATGTCCATGTCAGTA
GGAGAGAGGGTCACCTTGACCTGCAAGGCCAGTGAGAATGTGGTTACTTATGTTT
CNTGGTATCAACAGAAACCAGAGCAGTCTCCTAAACTGCTGATATATGGGGCATC
CAACCGGTACACTGGGGTCCCNGATCGCTTCACAGGCAGTGGATCTGCAACAGA
TTTCACTCTGACCATCAGCAGTGTGCAGGCTGAAGACCTTGCAGATTATCACTGT
GGACAGGGTTACAGCTATCCGTACACGTTCGGAGGGGGGACCAAGCTGGAAATA
AAACGGGCTGATGCTGCACCAACTGTATCCATCTTCCCACCATCCAGTGAGCAGT
TAACATCTGGAGGTGCCTCAGTCGTGTGCTTCTTGAACAACTTCTACCCCAAAGA
CATCAATGTCAAGTGGAAGATTGATGGCAGTGAACGACAAAATGGCGTCCTGAAC
AGTTGGACTGATCAGGACAACAACAGCACCTACAGCATGAGCACCCTCA
CGTTGACCAAGGACGACAGACACACATAACAGCTATACCTGTGAGGCCACTCA
CAAGACATCAACTTCACCCATTGTCAAGA

Mlu I Bam HI

ATTGTATGGGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTC GAGGTTAAAAAAACGTCTAGGCCCCCGAACCACGGGGACGT

KOZAK Nco I

G GTT TTC CTT TGA AAA ACA CGA TGA TAA TAT *GGC CAC CAT* GG AATGGAGCAGAGTCTTTATCTTTCTCCTATCAGTAACTGCAGGTGTTCACTCCCAG GTCCAGTTGCAGCAGTCTGGAGCTGAGCTGAGGCCTGGGACTTCAGTGAAG GTGTCCTGCAAGGCTTCTGGATACGCCTTCACTAATTACTTGATAGAGTGGGTAAA GCAGAGGCCTGGACAGGGCCTTGAGTGGATTGGGGTGATTAATCCTGGAAGTGG TCCTCCAGCACTGCCTACATGCAGCTCAGCAGCCTGACATCTGATGACTCTGCGG TCTATTTCTGTGCAAGAGATGGTCCCTGGTTTGCTTACTGGGGCCAAGGGACTCT GGTCACTGTCTCTGCAGCCAAAACAACAGCCCCATCGGTCTATCCACTGGCCCCT GTGTGTGGAGATACAACTGGCTCCTCGGTGACTCTAGGATGCCTGGTCAAGGGTT ATTTCCCTGAGCCAGTGACCTTGACCTGGAACTCTGGATCCCTGTCCAGTGGTGT GCACACCTTCCCAGCTGTCCTGCAGTCTGACCTCTACACCCTCAGCAGCTCAGTG ACTGTAACCTCGAGCACCTGGCCCAGCCAGTCCATCACCTGCAATGTGGCCCAC CCGGCAAGCACCAAGGTGGACAAGAAATTGAGCCCAGAGGGCCCACAATC AAGCCCTGTCCTCCATGCAAATGCCCAGCACCTAACCTCTTGGGTGGACCATCCG TCTTCATCTTCCCTCCAAAGATCAAGGATGTACTCATGATCTCCCTGAGCCCCATA GTCACATGTGGGGGGGATGTGAGCGAGGATGACCCAGATGTCCAGATCAGC ATTACAACAGTACTCCCGGGTGGTCAGTGCCCTCCCCATCCAGCACCAGGACTG GATGAGTGCAAGGAGTTCAAATGCAAGGTCAACAACAAGACCTCCCAGCGCC CATCGAGAGCCATCTCAAAACCCAAAGGGTCAGTAAGAGCTCCACAGGTATAT GTCTTGCCTCCACCAGAAGAAGAGAGATGACTAAGAAACAGGTCACTCTGACCTGCA TGGTCACAGACTTCATGCCTGAAGACATTTACGTGGAGTGGACCAACAACGGGAA AACAGAGCTAAACTACAAGAACACTGAACCAGTCCTGGACTCTGATGGTTCTTACT

Sal I

C CGG ACT CCG GGT AAA TGA GTC GAC

Xba I

GTCTAGGCCCCCGAACCACGGGGACGTGGTTTTCCTTTGAAAAACACGATGATA AGCTTGCCACAACCCGGGATCC**TCTAGA**

CCACCATGGTTCGACCATTGAACTGCATCGTCGCCGTGTCCCAAGATATGGGGAT
TGGCAAGAACGGAGACCTACCCTGGCCTCCGCTCAGGAACGAGTTCAAGTACTT
CCAAAGAATGACCACAACCTCTTCAGTGGAAGGTAAACAGAATCTGGTGATTATG
GGTAGGAAAACCTGGTTCTCCATTCCTGAGAAGAATCGACCTTTAAAGGACAGAA
TTAATATAGTTCTCAGTAGAGAACTCAAAGAACCACCACGAGGAGCTCATTTTCTT
GCCAAAAGTTTGGATGATGCCTTAAGACTTATTGAACAACCGGAATTGGCAAGTAA
AGTAGACATGGTTTGGATAGTCGGAGGCAGTTCTGTTTACCAGGAAGCCATGAAT
CAACCAGGCCACCTCAGACTCTTTGTGACAAGGATCATGCAGGAATTTGAAAGTG

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ACACGTTTTTCCCAGAAATTGATTTGGGGAAATATAAACTTCTCCCAGAATACCCA GGCGTCCTCTGAGGTCCAGGAGGAAAAAGGCATCAAGTATAAGTTTGAAGT Not I

CTACGAGAAGAAGACTAAGCGGCCGC...3' (SEQ ID No1)

Figure 3

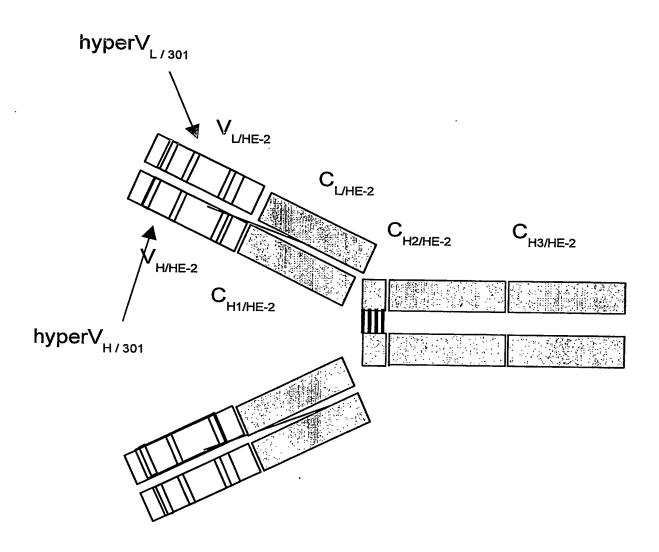


Figure 4

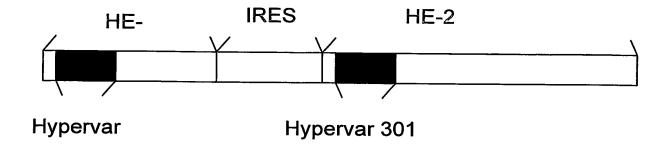


Figure 5

MEWSRVFIFLLSVTAGVHSQVQLQQSGAELVRPGTSVKVSCKASGYAFTNYLIEWVK QRPGQGLEWIGVINPGSGGTNYNEKFKGKATLTADKSSSTAYMQLSSLTSDDSAVYF CARDGPWFAYWGQGTLVTVSAAKTTAPSVYPLAPVCGDTTGSSVTLGCLVKGYFPE PVTLTWNSGSLSSGVHTFPAVLQSDLYTLSSSVTVTSSTWPSQSITCNVAHPASSTKV DKKIEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMISLSPIVTCVVVDVSEDD PDVQISWFVNNVEVHTAQTQTHREDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNK DLPAPIERTISKPKGSVRAPQVYVLPPPEEEMTKKQVTLTCMVTDFMPEDIYVEWTNN GKTELNYKNTEPVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVVHEGLHNHHTTKS FSRTPGK (SEQ ID No2)

Figure 6

MHQTSMGIKMESQTLVFISILLWLYGADGNIVMTQSPKSMSMSVGERVTLTCKASENV VTYVSWYQQKPEQSPKLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLADYH CGQGYSYPYTFGGGTKLEIKRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPKDIN VKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLTKDEYERHNSYTCEATHKTS TSPIVKSFNRNEC (SEQ ID No3)

Figure 7

MHQTSMGIKMESQTLVFISILLWLYGADGNIVMTQSPKSMSMSVGERVTLTCKASENV VTYVSWYQQKPEQSPKLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLADYH CGQGYSYPYTFGGGTKLEIRRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPKDIN VKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLTKDEYERHNSYTCEATHKTS TSPIVKSFNRNEC (SEQ ID No4)

Figure 8

MHQTSMGIRMESQTLVFISILLWLYGADGNIVMTQSPRSMSMSVGERVTLTCRASEN VVTYVSWYQQRPEQSPRLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLAD YHCGQGYSYPYTFGGGTRLEIRRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPKD INVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLTKDEYERHNSYTCEATHKT STSPIVKSFNRNEC (SEQ ID No5)

Figure 9

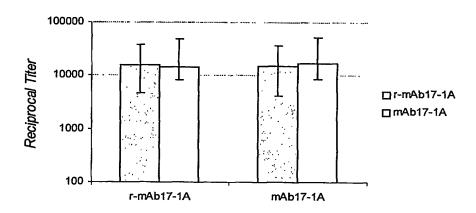


Figure 10